

Appropriate District Office
Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-015-34206

5. Indicate Type of Lease

STATE ☒

FEE ☐

State Oil & Gas Lease No. V-4990

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

RECEIVED

7. Lease Name or Unit Agreement Name

MUDCAT STATE COM

2. Name of Operator

MURCHISON OIL & GAS, INC.

JAN 09 2006

8. Well No.

1

3. Address of Operator

1100 MIRA VISTA BLVD., PLANO, TX. 75093-4698

9. Pool name or Wildcat

EMPIRE MORROW, SOUTH

4. Well Location

Unit Letter P : 1300 Feet From The SOUTH Line and 810 Feet From The EAST Line

Section 11 Township 17S Range 28E NMPM County EDDY

10. Date Spudded

10/20/2005

11. Date T.D. Reached

11/19/2005

12. Date Compl. (Ready to Prod.)

1/4/2006

13. Elevations (DF& RKB, RT, GR, etc.)

GL 3579

KDB 3596

14. Elev. Casinghead

3579

15. Total Depth

10403'

16. Plug Back T.D.

10353'

17. If Multiple Compl. How Many

Zones? N/A

18. Intervals

Drilled By

Rotary Tools

R

Cable Tools

N/A

19. Producing Interval(s), of this completion - Top, Bottom, Name

10108 - 10146' MORROW

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

COMPENSATED DENSITY - NEUTRON, GR, LATEROLOG

22. Was Well Cored

N/A

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	68 #/FT	222'	17-1/2"	235 SXS	
9-5/8"	43.5 #/FT	2208'	12-1/4"	1200 SXS	
5-1/2"	17 #/FT	10403'	8-1/2"	2666 SXS	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

10108 - 10146'

AMOUNT AND KIND MATERIAL USED

FRAC W/ 46,000# VERSAPROP & 146 TONS CO2

28. PRODUCTION

Date First Production 1/4/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING			Well Status (Prod. or Shut-in) SHUT-IN		
Date of Test 12/31/2005	Hours Tested 4	Choke Size 18/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 358	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press. 1300	Casing Pressure 0	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF 2146	Water - Bbl. 0	Oil Gravity - API - (Corr.) N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

FLARED

Test Witnessed By

TOMMY FOLSOM

30. List Attachments

OPEN HOLE LOGS, INCLINATION SURVEY

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Michael S. Daugherty

Printed

Name MICHAEL S. DAUGHERTY Title VP OPERATIONS Date 1/4/2006

E-mail Address mdaugherty@jdmii.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T. Anhy	T. Canyon	8542	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	9244	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	9696	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	10217	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison
T. Queen	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya		T. Mancos	T. McCracken
T. San Andres	T. Simpson		T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee		Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	T.
T. Blinebry	T. Gr. Wash		T. Morrison	T.
T. Tubb	T. Delaware Sand		T. Todilto	T.
T. Drinkard	T. Bone Springs		T. Entrada	T.
T. Abo	T.		T. Wingate	T.
T. Wolfcamp	T.		T. Chinle	T.
T. Penn	T.		T. Permian	T.
T. Cisco (Bough C)	T.		T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from..... 10108..... to..... 10146..... No. 3, from..... to.....
 No. 2, from..... to..... No. 4, from..... to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from..... to..... feet.....
 No. 2, from..... to..... feet.....
 No. 3, from..... to..... feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
2200	3990	1790	DOLOMITE & ANHYDRITE				
3990	4360	370	DOLOMITE & SAND				
4360	5740	1380	DOLOMITE				
5740	6780	1040	DOLOMITE, ANHYDRITE & SHALE				
6780	9940	3160	LIME, DOLOMITE & SHALE				
9940	10260	320	LIME, SAND & SHALE				
10260	10400	140	LIME, DOLOMITE & SHALE				